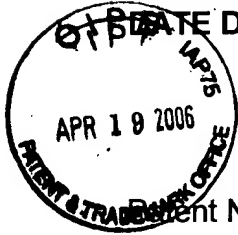


09/842 930 04/20/06 CofC

EXPRESS MAIL NO.: EV 318424225 US

PATENT



DATE DEPOSITED: April 19, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: US 6,979,555

Issued: Dec. 27, 2005

Name of Patentee: Paul H. Weigel, et. al

Title of Invention: HYALURONAN RECEPTOR FOR ENDOCYTOSIS

Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450  
Attention: Decision and Certificate of Correction  
Branch of the Patent Issue Division

Certificate  
APR 25 2006  
of Correction

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO AND/OR APPLICANT'S MISTAKES (37 CFR 1.322(a) and 1.323)**

Enclosed are:

[X] 5 sheets of Form PTO-1050 (Amended), in duplicate, with at least one copy being suitable for printing.

[X] Pre-addressed Postal Card

04/21/2006 CNGUYEN3 00000023 6979555

01 FC:1811

100.00 OP

**PTO ERRORS**

The exact page and line number in the application file are:

Column 5, line 19: After the word "both" change "HARES" to -HAREs-. (See application, pg. 11, line 5, paragraph 18)

Column 12, line 34: Before the word "consensus", delete the word "Con-served" and add the word -Conserved-. (See application, pg. 29, line 6, paragraph 55)

Column 29, line 33: After the word "positive" delete "μZAP" and add --λZAP-. (See

APR 25 2006

application pg. 69, line 15, paragraph 121)

Column 29, line 38: Delete the words "blotanalysis Total" and replace with -blot analysis. Total-. (See application, pg. 69, line 20, paragraph 122)

Column 29, line 42: Delete "6%" and replace with -6%-. (See application, pg.69, line 23, paragraph 122)

Column 32, line 28: After the words "added to" delete "2%" and replace with -2%-. (See application, pg. 75, line 15, paragraph 130)

Column 34, line 57: After the word "Two" delete "HAREProteins." and replace with -HARE Proteins.- (See application, pg. 81, line 6, paragraph 140)

Column 36, line 23: After the word "custom-made" delete "μZAP" and add --λZAP-. (See application pg. 84, line 16, paragraph 147)

Column 41, Table III - continued: Under the column heading "SEQ ID NO:", delete the following numbers, "38", "39" and "40" and replace with the following numbers, -37-, -38-, and -39-, respectively. (See PAM filed 08/22/2001, pg. 2 & pg. 9)

Column 43, approx. line 63: Delete the next six lines, beginning with "The 8 mAbs raised against..." and ending with "expression in rat or human tissues." (This is a duplicate of Column 43, lines 5-10)

Column 44, line 46: After the words "acids is nucleotides 1-", add the number -4182-. (See application, pg. 99, end of Table VII)

Column 50, line 22: After the partial word "lapping" delete the parenthesis "(" (See application, pg. 113, line 10, paragraph 175)

Column 50, line 24: After the word "candidate" delete the parenthesis "(" (See application, pg. 113, line 11, paragraph 175)

[] No fee is submitted herewith.

APR 25 2006

## APPLICANT'S ERRORS

It is noted that errors appear in this patent of a clerical or typographical nature or a minor character as more fully described below. These errors occurred in good faith and correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination and a certificate of correction is requested.

The exact page and line number where the mistakes occur in the application are:

Column 5, line 39: Delete the word "nonreduced" and add the word –reduced–. (Note that FIG. 4 experiments were performed under "reducing" conditions and therefore arrows point to "reduced HAREs. See also Col. 34, line 8-26)

Column 6, line 26: After the word "designated" delete the symbols " $\alpha$ ,  $\beta$ , and  $\gamma$  " and replace with –d, c and a–. (See Fig. 8A of Sheet 8 of 42)

Column 6, line 50: After the word "of" and before the word "different", change the word "five" to –eleven–. (See Fig. 9 of Sheet 9 of 42)

Column 7, line 5: Delete the words "and the values" and replace with –or–. (See FIG. 10 of Sheet 10 of 42)

Column 7, line 61: Delete the word "Arrowheads" and replace with the word –Arrows–.

Column 8, line 48: After the word "cDNA" delete the word "clones" and replace with –clone expression products–. (Refer to Column 36, lines 26-32 for clarification)

Column 16, line 3: Delete the words "conserved or semi-conserved" and add the words –conservative or semi-conservative–. (Refer to Table I, Column 16, lines 38-39)

Column 21, line 20: After the word "with" delete the word "conserved" and replace with –conservative–. (Refer to Table I, Column 16, lines 38-39)

Column 21, line 21: Before the word "amino" delete the word "semi-conserved" and replace with –semi-conservative–. (Refer to Table I, Column 16, lines 38-39)

Column 21, line 57: Delete the number "239". (Typographical error; proper cell line is "293", referred to at Col. 21, line 58)

Column 25, line 14: After the word "isotypes" delete the word "(ido)" and replace with the word –(idio)–. (Typographical error; known term to person having ordinary skill in the art)

Column 29, line 13: Delete "Experimental Procedures" and replace with –Materials and Methods–. (Refer to Column 23, line 65)

Column 29, line 48: After "5xSSC" delete the comma and replace with a semi-colon and add the word –membranes– after the semi-colon.

Column 31, line 31: After "using 6" delete "ml" and replace with – $\mu$ l–.

Column 33, line 15: Delete the number "37" and replace with –35–. (See other references to HSP3R as SEQ ID NO:35, Column 33, lines 13-14 and Table III under Columns 39-40, lines 53, 61 and 63)

Column 34, line 15: At the end of the sentence, delete the number "5359" and replace with –5360–.

Column 38, line 7: Delete "FIG. 27)" and replace with –(FIG. 27A)–.

Column 39, line 7: After the word "abundant" delete word "that" and add the word –than–.

Column 44, line 63-64: After "(SEQ ID NO:" delete the number "26)" and replace with the number –7)–. (Refer to Column 33, line 7-8 and Column 40, Table III, approx. line 48)

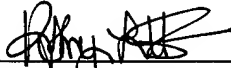
Column 51, line 12: After the word "mammals" delete "(FIG. 38)" and replace with –(FIG. 39)–.

Column 67, Under the heading "<400> SEQUENCE: 14": Delete the sequence listing "Ile Asn Lys" and replace with –Ile Gln Lys–. (Originally filed sequence filed 04/25/01 was correct, but sequence listing filed 08/22/01 contained this typographical error).

[X ] Charge to credit card as shown on the attached credit card information authorization form PTO-2038, in the amount of \$100.00 for this Certificate of Correction. One copy of this sheet is attached.

## RETURN OF CERTIFICATE

Please send the Certificate to the undersigned.



---

Kathryn L. Hester, Reg. No. 46,768  
DUNLAP, CODDING & ROGERS, P.C.  
P.O. Box 16370, Customer No. 30589  
Oklahoma City, Oklahoma 73113  
Telephone: 405/607-8600  
Facsimile: 405/607-8686

Agent for Applicant

APR 25 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO : 6,979,555

Page 1 of 5 pages

DATED : 12/27/2005

INVENTOR(S) : Paul H. Weigel et. al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, line 19: After the word "both" change "HARES" to --HAREs--.

Column 5, line 39: Delete the word "nonreduced" and add the word --reduced--.

Column 6, line 26: After the word "designated" replace the symbols " $\alpha$ ,  $\beta$ , and  $\gamma$ " with --d, c and a--.

Column 6, line 50: After the word "of" and before the word "different", change the word "five" to --eleven--.

Column 7, line 5: Delete the words "and the values" and replace with --or--.

Column 7, line 61: Delete the word "Arrowheads" and replace with the word --Arrows--.

Column 8, line 48: After the word "cDNA" delete the word "clones" and replace with --clone expression products--.

Column 12, line 34: Before the word "consensus", delete the word "Con-served" and add the word --Conserved--.

MAILING ADDRESS OF SENDER: Dunlap, Coddling & Rogers, P.C.  
P. O. Box 16370  
Oklahoma City, Oklahoma 73113

PATENT NO. 6,979,555

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SEND TO: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450

APR 28 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

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Page 2 of 5 pages

DATED : 12/27/2005

INVENTOR(S) : Paul H. Weigel et. al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 16, line 3: Delete the words "conserved or semi-conserved" and add the words  
—conservative or semi-conservative—.

Column 21, line 20: After the word "with" delete the word "conserved" and replace  
with —conservative—.

Column 21, line 21: Before the word "amino" delete the word "semi-conserved" and  
replace with —semi-conservative—.

Column 21, line 57: Delete the number "239".

Column 25, line 14: After the word "isotypes" delete the word "(ido)" and replace  
with the word —idio)—.

Column 29, line 13: Delete "Experimental Procedures" and replace with  
—Materials and Methods—.

Column 29, line 33: After the word "positive" delete "μ ZAP" and add —λZAP—.

MAILING ADDRESS OF SENDER: Dunlap, Coddling & Rogers, P.C.  
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Page 3 of 5 pages

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Column 29, line 38: Delete the words "blotanalysis Total" and replace with  
—blot analysis. Total—.

Column 29, line 42: Delete "6%" and replace with —6%—.

Column 29, line 48: After "5xSSC" delete the comma and replace with a semi-colon  
and add the word —membranes— after the semi-colon.

Column 31, line 31: After "using 6" delete "ml" and replace with — $\mu$ l—.

Column 32, line 28: After the words "added to" delete "2%" and replace with —2%—.

Column 33, line 15: Delete the number "37" and replace with —35—.

Column 34, line 15: At the end of the sentence, delete the number "5359"  
and replace with —5360—.

Column 34, line 57: After the word "Two" delete "HAREProteins." and replace with  
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Column 36, line 23: After the word "custom-made" delete " $\mu$ ZAP" and add — $\lambda$ ZAP—.

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Page 4 of 5 pages

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Column 38, line 7: Delete "FIG. 27)" and replace with -(FIG. 27A)-.

Column 39, line 7: After the word "abundant" delete word "that" and add the word -than-.

Column 41, Table III - continued: Under the column heading "SEQ ID NO:", delete the following numbers, "38", "39" and "40" and replace with the following numbers, -37-, -38-, and -39-, respectively.

Column 43, approx. line 63: Delete the next six lines, beginning with "The 8 mAbs raised against...." and ending with "expression in rat or human tissues."

Column 44, line 46: After the words "acids is nucleotides 1-", add the number -4182-.

Column 44, line 63-64: After "(SEQ ID NO:" delete the number "26)" and replace with the number -7)-.

Column 50, line 22: After the partial word "lapping" delete the parenthesis "(".

Column 50, line 24: After the word "candidate" delete the parenthesis "(".

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Column 51, line 12: After the word "mammals" delete "(FIG. 38)" and replace  
with ~~-(FIG. 39)-~~.

Column 67, Under the heading "<400> SEQUENCE: 14": Delete the sequence listing "Ile  
Asn Lys" and replace with ~~-Ile Gln Lys-~~.

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
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PATENT NO : 6,979,555

Page 4 of 5 pages

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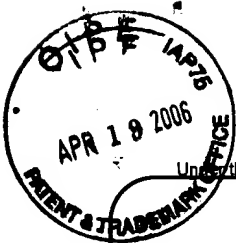
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PATENT NO. 6,979,555 ■

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

|                        |                  |
|------------------------|------------------|
| Application Number     | 09/842,930       |
| Filing Date            | April 25, 2001   |
| First Named Inventor   | Paul H. Weigel   |
| Art Unit               | 1645             |
| Examiner Name          | Lorraine Spector |
| Attorney Docket Number | 5820.603         |

**ENCLOSURES (Check all that apply)**

|   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation of POA,<br>Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify<br>below): |
| <b>Remarks</b><br>1. Transmittal Form (1 page);<br>2. Fee Transmittal Form (1 page);<br>3. Credit Card Form (1 page);<br>4. Request For Certificate of Correction of Patent (5 pages);<br>5. Certificate of Correction (5 pages) in duplicate; and<br>6. Postcard.  |  |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |                                |          |        |
|--------------|--------------------------------|----------|--------|
| Firm Name    | DUNLAP, CODDING & ROGERS, P.C. |          |        |
| Signature    |                                |          |        |
| Printed name | Kathryn L. Hester              |          |        |
| Date         | April 19, 2006                 | Reg. No. | 46,768 |

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: \*\*\* SENT BY EXPRESS MAIL No. EV318426225US, DATED 04/19/06 \*\*\*

|                       |                   |      |                |
|-----------------------|-------------------|------|----------------|
| Signature             |                   |      |                |
| Typed or printed name | Kathryn L. Hester | Date | April 19, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APR 25 2006





Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.  
Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  
**FEE TRANSMITTAL**  
**For FY 2005**

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$)** **100**

**Complete if Known**

|                      |                  |
|----------------------|------------------|
| Application Number   | 09/842,930       |
| Filing Date          | Apr. 25, 2001    |
| First Named Inventor | Paul H., Weigel  |
| Examiner Name        | Lorraine Spector |
| Art Unit             | 1645             |
| Attorney Docket No.  | 5820.603         |

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☐ Deposit Account Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description  | Fee (\$)            | Small Entity Fee (\$) |
|--|---------------------|-----------------------|
| Each claim over 20 (including Reissues)                                | 50                  | 25                    |
| Each independent claim over 3 (including Reissues)                     | 200                 | 100                   |
| Multiple dependent claims  | 360                 | 180                   |
| <b>Total Claims</b>  | <b>Extra Claims</b> | <b>Fee (\$)</b>       |
| _____ - 20 or HP = _____   | x _____             | = _____               |
| HP = highest number of total claims paid for, if greater than 20.      |                     |                       |
| <b>Indep. Claims</b>   | <b>Extra Claims</b> | <b>Fee (\$)</b>       |
| _____ - 3 or HP = _____  | x _____             | = _____               |
| HP = highest number of independent claims paid for, if greater than 3. |                     |                       |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets        | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|---------------------|--------------|--|----------|---------------|
| _____ - 100 = _____ | / 50 = _____ | (round up to a whole number) x _____             | = _____  | 0             |

**4. OTHER FEE(S)**

|   |                       |
|---|-----------------------|
| Non-English Specification, \$130 fee (no small entity discount)                   | <b>Fees Paid (\$)</b> |
| Other (e.g., late filing surcharge): <b>Certificate of Correction - Code 1811</b> | 100                   |

**SUBMITTED BY**

|                   |                   |                                   |        |           |                |
|-------------------|-------------------|-----------------------------------|--------|-----------|----------------|
| Signature         |                   | Registration No. (Attorney/Agent) | 46,768 | Telephone | (405) 607-8600 |
| Name (Print/Type) | Kathryn L. Hester |                                   |        | Date      | April 19, 2006 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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